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1 Principle for high speed network control: congestion-and deadlock-freeness, selfrouting, and a single buffer per link



Yoram Ofek, Moti Yung

August 1990 Proceedings of the ninth annual ACM symposium on Principles of distributed computing

Full text available: pdf(1.50 MB)

Additional Information: full citation, references, citings, index terms

2 Symmetric bimanual interaction

Ravin Balakrishnan, Ken Hinckley

April 2000 Proceedings of the SIGCHI conference on Human factors in computing systems

Full text available: 📆 pdf(889,60 KB) Additional Information: full citation, abstract, references, index terms

We present experimental work that explores the factors governing symmetric bimanual interaction in a two-handed task that requires the user to track a pair of targets, one target with each hand. A symmetric bimanual task is a two-handed task in which each hand is assigned an identical role. In this context, we explore three main experimental factors. We vary the distance between the pair of targets to track: as the targets become further apart, visual diversion increases, forcing the u ...

Keywords: Guiard theory, input, interaction techniques, symmetric interaction, twohanded input

TCP/IP performance with random loss and bidirectional congestion



T. V. Lakshman, Upamanyu Madhow, Bernhard Suter

October 2000 IEEE/ACM Transactions on Networking (TON), Volume 8 Issue 5

Full text available: pdf(287.04 KB) Additional Information: full citation, references, citings, index terms, review

Keywords: ADSL, TCP, buffer management, cable modems, scheduling

Supporting the hypercube programming model on mesh architectures: (a fast sorter for iWarp tori)



Thomas M. Stricker

June 1992 Proceedings of the fourth annual ACM symposium on Parallel algorithms and architectures

Full text available: pdf(1.11 MB)

Additional Information: full citation, references, citings, index terms

5 Flow profile comparison of a microscopic car-following model and a macroscopic platoon dispersion model for traffic simulation



Donald T. Gantz, James R. Mekemson

December 1990 Proceedings of the 22nd conference on Winter simulation

Full text available: pdf(424.89 KB) Additional Information: full citation, references, index terms

6 Factoring a mobile client's effective processing speeed into the image transcoding decision



Richard Han

August 1999 Proceedings of the 2nd ACM international workshop on Wireless mobile multimedia

Full text available: pdf(897_48 KB) Additional Information: full citation, references, citings, index terms

Keywords: CPU, PDA, image processing, mobile, partitioning, proxy, transcoding

7 Formally reviewed communication: Memory cache and lisp: faster list processing via automatically rearranging memory



Richard Fateman

December 2003 ACM SIGSAM Bulletin, Volume 37 Issue 4

Full text available: pdf(67.95 KB) Additional Information: full citation, abstract, references

The speed of modern computers can be increased by organizing computations so that memory access patterns correspond more closely to the memory cache-loading patterns implemented in the hardware. Rearranging code and data are each possible. Here we concentrate on automatic rearrangement of data, and examine the belief, common in some technical circles, that modern generational copying garbage collectors (GC) will improve data caching by relocating and compressing data, as a matter of normal proce ...

8 Extending hypertext streaming protocol to realize effective web page transmission via a caching proxy



Tadashi Nakano, Kaname Harumoto, Shinji Shimojo, Shojiro Nishio March 2001 Proceedings of the 2001 ACM symposium on Applied computing

Full text available: pdf(335.37 KB) Additional Information: full citation, references, index terms

Keywords: HTSP, WWW, inline object, transmission order control caching proxy

Modeling the performance of HTTP over several transport protocols
John Heidemann, Katia Obraczka, Joe Touch
October 1997 IEEE/ACM Transactions on Networking (TON), Volume 5 Issue 5
Full text available: pdf(388.85 KB) Additional Information: full citation, references, citings, index terms



Keywords: HTTP, TCP, computer protocol performance, internetworking

10 On the characteristics and origins of internet flow rates

Yin Zhang, Lee Breslau, Vern Paxson, Scott Shenker

August 2002 ACM SIGCOMM Computer Communication Review, Proceedings of the 2002 conference on Applications, technologies, architectures, and protocols for computer communications, Volume 32 Issue 4

Full text available: pdf(698.68 KB)

Additional Information: full citation, abstract, references, citings, index terms

This paper considers the distribution of the rates at which flows transmit data, and the causes of these rates. First, using packet level traces from several Internet links, and summary flow statistics from an ISP backbone, we examine Internet flow rates and the relationship between the rate and other flow characteristics such as size and duration. We find, as have others, that while the distribution of flow rates is skewed, it is not as highly skewed as the distribution of flow sizes. We also f ...

Keywords: TCP, flow rates, network measurement

11 Register windows vs. register allocation

D. W. Wall

June 1988 ACM SIGPLAN Notices, Proceedings of the ACM SIGPLAN 1988 conference on Programming Language design and Implementation, Volume 23 Issue 7

Full text available: pdf(1.27 MB)

Additional Information: full citation, abstract, references, citings, index terms

A large register set can be exploited by keeping variables and constants in registers instead of in memory. Hardware register windows and compile-time or link-time global register allocation are ways to do this. A measure of the effectiveness of any of these register management schemes is how thoroughly they remove loads and stores. This measure must also count extra loads and stores executed because of window overflow or conflicts between procedures. By combining profiling, inst ...

12 Best poster papers from MobiHoc 2002: An on-demand minimum energy routing protocol for a wireless ad hoc network



Sheetalkumar Doshi, Shweta Bhandare, Timothy X Brown

June 2002 ACM SIGMOBILE Mobile Computing and Communications Review, Volume 6 Issue 3

Full text available: mpdf(203.93 KB)

Additional Information: full citation, abstract, references, citings, index terms

A minimum energy routing protocol reduces the energy consumption of the nodes in a wireless ad hoc network by routing packets on routes that consume the minimum amount of energy to get the packets to their destination. This paper identifies the necessary features of an on-demand minimum energy routing protocol and suggests mechanisms for their implementation. We highlight the importance of efficient caching techniques to store the minimum energy route information and propose the use of an ...

13 Tree multicast strategies in mobile, multishop wireless networks Mario Gerla, Ching-Chuan Chiang, Lixia Zhang



October 1999 Mobile Networks and Applications, Volume 4 Issue 3

Full text available: pdf(285.79 KB)

Additional Information: full citation, abstract, references, citings, index terms

Tree multicast is a well established concept in wired networks. Two versions, per-source tree multicast (e.g., DVMRP) and shared tree multicast (e.g., Core Based Tree), account for the majority of the wireline implementations. In this paper, we extend the tree multicast concept to wireless, mobile, multihop networks for applications ranging from ad hoc networking to disaster recovery and battlefield. The main challenge in wireless, mobile networks is the rapidly changing environment. We add ...

MagPle: MPI's collective communication operations for clustered wide area systems
Thilo Kielmann, Rutger F. H. Hofman, Henri E. Bal, Aske Plaat, Raoul A. F. Bhoedjang
May 1999 ACM SIGPLAN Notices, Proceedings of the seventh ACM SIGPLAN
symposium on Principles and practice of parallel programming, Volume 34 Issue



Full text available: pdf(1.36 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

Writing parallel applications for computational grids is a challenging task. To achieve good performance, algorithms designed for local area networks must be adapted to the differences in link speeds. An important class of algorithms are collective operations, such as broadcast and reduce. We have developed MAGPIE, a library of collective communication operations optimized for wide area systems. MAGPIE's algorithms send the minimal amount of data over the slow ...

15 Reconciling responsiveness with performance in pure object-oriented languages Urs Hölzle, David Ungar



July 1996 ACM Transactions on Programming Languages and Systems (TOPLAS),
Volume 18 Issue 4

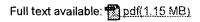
Full text available: pdf(537.19 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> <u>terms</u>, <u>review</u>

Dynamically dispatched calls often limit the performance of object-oriented programs, since opject-oriented programming encourages factoring code into small, reusable units, thereby increasing the frequency of these expensive operations. Frequent calls not only slow down execution with the dispatch overhead per se, but more importantly they hinder optimization by limiting the range and effectiveness of standard global optimizations. In particular, dynamically dispatched calles prevent stand ...

Keywords: adaptive optimization, pause clustering, profile-based optimization, run-time compilation, type feedback

16 On characterizing bandwidth requirements of parallel applications
Anand Sivasubramaniam, Aman Singla, Umakishore Ramachandran, H. Venkateswaran
May 1995 ACM SIGMETRICS Performance Evaluation Review, Proceedings of the 1995
ACM SIGMETRICS joint international conference on Measurement and
modeling of computer systems, Volume 23 Issue 1



Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> <u>terms</u>

Synthesizing architectural requirements from an application viewpoint can help in making important architectural design decisions towards building large scale parallel machines. In this paper, we quantify the link bandwidth requirement on a binary hypercube topology for a set of five parallel applications. We use an execution-driven simulator called SPASM to collect data points for system sizes that are feasible to be simulated. These data points are then used in a regression analysis for projec ...

17 Papers: Return link optimization for internet service provision using DVB-S networks
Nihal K. G. Samaraweera



July 1999 ACM SIGCOMM Computer Communication Review, Volume 29 Issue 3

Full text available: pdf(1.07 MB)

Additional Information: full citation, abstract, references

Satellite based Digital Video Broadcasting (DVB-S) allows the same low cost satellite dish to receive both television programs and Internet traffic. The satellite system is used to construct a high-speed simplex distribution system, while the return path, needed for the Internet service will be provided using a low speed terrestrial network. The bandwidth asymmetry between the return and forward paths results in a problem, which we have termed "ACK congestion". A number of techniques that may al ...

Virtual path bandwidth allocation in multiuser networks

Aurel A. Lazar, Ariel Orda, Dimitrios E. Pendarakis

December 1997 IEEE/ACM Transactions on Networking (TON), Volume 5 Issue 6

Full text available: pdf(324.16 KB) Additional Information: full citation, references, citings, index terms

Keywords: Nash equilibrium, bandwidth allocation, distributed algorithms, game theory, network control, virtual path

19 Algorithms: Bitmap algorithms for counting active flows on high speed links
Cristian Estan, George Varghese, Mike Fisk

October 2003 Proceedings of the 2003 ACM SIGCOMM conference on Internet

Full text available: pdf(330.81 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

This paper presents a family of bitmap algorithms that address the problem of counting the number of distinct header patterns (flows) seen on a high speed link. Such counting can be used to detect DoS attacks and port scans, and to solve measurement problems. Counting is especially hard when processing must be done within a packet arrival time (8 nsec at OC-768 speeds) and, hence, must require only a small number of accesses to limited, fast memory. A naive solution that maintains a hash table r ...

Keywords: counting flows, network traffic measurement

20 <u>Multimedia Web services for mobile clients using quality aware transcoding</u> Surendar Chandra, Carla Schlatter Ellis, Amin Vahdat

August 1999 Proceedings of the 2nd ACM international workshop on Wireless mobile multimedia

Full text available: pdf(1.18 MB)

Additional Information: full citation, references, citings, index terms

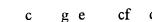
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O- Join IEEE O- Establish IEEE	[Abstract] [PDF Full-Text (360 KB)] IEEE CNF	
Web Account	2 Field experiments on closed loop mode transmit diversity in W forward link Fukumoto, S.; Higuchi, K.; Sawahashi, M.; Adachi, F.; Spread Spectrum Techniques and Applications, 2000 IEEE Sixth Internations Symposium on , Volume: 2 , 6-8 Sept. 2000 Pages: 433 - 438 vol.2	
File Cabinet	[Abstract] [PDF Full-Text (568 KB)] IEEE CNF	
E Print Format	3 Broadband packet wireless access incorporating high-speed II transmission Abeta, S.; Atarashi, H.; Sawahashi, M.; Vehicular Technology Conference, 2002. Proceedings. VTC 2002-Fall. 2 56th, Volume: 2, 24-28 Sept. 2002 Pages:844 - 848 vol.2	

[PDF Full-Text (324 KB)] **IEEE CNF**

4 Successive interference cancellation for multiuser asynchronous DS/CDMA detectors in multipath fading links

Hui, A.L.C.; Letaief, K.B.;

Communications, IEEE Transactions on , Volume: 46 , Issue: $\bf 3$, March $\bf 1998$

Pages:384 - 391

[Abstract]

[Abstract] [PDF Full-Text (324 KB)] IEEE JNL

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5 A multiuser interference cancellation technique utilizing convolutional codes and orthogonal multicarrier modulation for wireless indoor communications

Sanada, Y.; Nakagawa, M.;

Selected Areas in Communications, IEEE Journal on , Volume: 14 , Issue: 8 , Oct.

1996

Pages:1500 - 1509

[Abstract] [PDF Full-Text (836 KB)] IEEE JNL

6 Oxygenation of silver clad YBa2Cu3O7-δ

Neal, M.J.; Pathare, V.M.;

Magnetics, IEEE Transactions on , Volume: 27 , Issue: 2 , Mar 1991

Pages:1652 - 1655

[Abstract] [PDF Full-Text (376 KB)] IEEE JNL

7 Matched filter bounds without channel knowledge at the receiver

Medles, A.; Slock, D.T.M.;

Signals, Systems & Computers, 2003 The Thrity-Seventh Asilomar Conference

on , Volume: 2 , 9-12 Nov. 2003

Pages:1676 - 1680 Vol.2

[Abstract] [PDF Full-Text (434 KB)] IEEE CNF

8 Performance comparison of cdma2000 forward power control modes

Yeh, J.; Khan, A.; Aydin, L.; Hamdy, W.;

Personal, Indoor and Mobile Radio Communications, 2003. PIMRC 2003. 14th IEEE

Proceedings on , Volume: 2 , 7-10 Sept. 2003

Pages:1742 - 1746 vol.2

[Abstract] [PDF Full-Text (346 KB)] IEEE CNF

9 Comparison of dynamic channel allocation schemes in downlink in UTRA TDD

Kurjenniemi, J.; Lehtinen, O.;

Personal, Indoor and Mobile Radio Communications, 2003. PIMRC 2003. 14th IEEE

Proceedings on , Volume: 1 , 7-10 Sept. 2003

Pages:901 - 905 Vol.1

[Abstract] [PDF Full-Text (596 KB)] IEEE CNF

10 Datagram-transfer protocol for UHF SATCOM

Huckell, G.R.; Chandler, E.W.;

MILCOM 2000. 21st Century Military Communications Conference

Proceedings, Volume: 2, 22-25 Oct. 2000

Pages:640 - 644 vol.2

[Abstract] [PDF Full-Text (508 KB)] IEEE CNF

11 CDMA forward link capacity and coverage in a multipath fading channel

Jalloul, L.; Rohani, K.;

Vehicular Technology Conference, 1997 IEEE 47th, Volume: 3, 4-7 May 1997

Pages:1440 - 1444 vol.3

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[Abstract] [PDF Full-Text (324 KB)] IEEE CNF

12 Opportunistic transmission scheduling for multiuser MIMO systems

Liang Dong; Teng Li; Yih-Fang Huang;

Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03). 2003 IEEE International Conference on , Volume: 5 , 6-10 April 2003

Pages:V - 65-8 vol.5

[Abstract] [PDF Full-Text (342 KB)] IEEE CNF

13 TCP over wireless links with variable bandwidth

Yavuz, M.; Khafizov, F.;

Vehicular Technology Conference, 2002. Proceedings. VTC 2002-Fall. 2002 IEEE

56th, Volume: 3, 24-28 Sept. 2002

Pages:1322 - 1327 vol.3

[Abstract] [PDF Full-Text (489 KB)] IEEE CNF

14 Analysis of slow-frequency-hop satellite communications using ambiguity functions

Pursley, J.A.; Macdonald, T.G.;

MILCOM 2002. Proceedings, Volume: 1, 7-10 Oct. 2002

Pages:160 - 164 vol.1

[Abstract] [PDF Full-Text (587 KB)] IEEE CNF

15 In-service optical performance monitoring of high-speed transparent networks based on Q measurements

Bach, R.; Moench, W.; Strohmaier, G.;

Transparent Optical Networks, 2001. Proceedings of 2001 3rd International

Conference on , 18-21 June 2001

Pages:210 - 217

[Abstract] [PDF Full-Text (384 KB)] IEEE CNF

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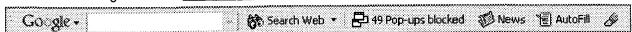
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